



Filed Via Certified Mail  
Rec. No.: 7000 1670 0000 7131 3602  
On : July 10, 2002

By   
Eric L. Maldonado

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Attorney Docket No. 100794-00152 (FUJL 19.346)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Sessaiah PONNEKANTI  
Serial No.: 10/052,207  
Filed: January 17, 2002  
Title: **COMMUNICATIONS SYSTEMS**  
Examiner:  
Art Unit:

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JUL 18 2002  
TC 2800 MAIL ROOM

July 10, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed within three months of a search report, no fee is due.

Also attached is a copy of the International Search Report dated May 31, 2002 from the corresponding International Patent Application. All of the documents listed in Form PTO- 1449 appear in the International Search Report.

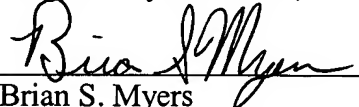
Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

**Any fee due with this paper may be charged on Deposit Account 50-1290.**

Respectfully submitted,



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1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 10/052,207
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date : January 17, 2002
<u>Sheet 1 of 1</u>		First Named Inventor: S. PONNEKANTI
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : FUJL 19.346

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

### FOREIGN DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		1 003 297	EP	LUCENT TECHNOLOGIES INC.	05/24/2000	
		02/01732	WO	NOKIA CORPORATION, et al.	01/03/2002	
		00/51265	WO	MOTOROLA INC.	08/31/2000	
		00/41339	WO	NOKIA NETWORKS OY	07/13/2000	

### Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		"SPACE-TIME BLOCK CODING-FROM A PHYSICAL PERSPECTIVE" LO T et al, WCNC. IEEE WIRELESS COMMUNICATIONS AND NETWORKING CONFERENCE, XX, XX, VOL. 1, SEPTEMBER 21, 1999 PAGES 150-153, XP 002163282	
		"A SIMPLE TRANSMIT DIVERSITY TECHNIQUE FOR WIRELESS COMMUNICATIONS" ALAMOUTI S M: IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, IEEE INC. NEW YORK, US, VOL. 16, NO. 8, OCTOBER 1998 PAGES 1451-1458, XP002100058 ISSN: 0733-8716	
Examiner Signature	Date Considered		

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>1</sup> if possible. \* Applicant is to place a check mark here if English language Translation is attached.

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